



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$10x^3 + 71x^2 + 88x - 144 = 0$$

$$x^3 - 6x^2 - 9x + 54 = 0$$

$$x^3 + 4x^2 - 69x - 216 = 0$$

$$x^3 - 10x^2 - 19x + 280 = 0$$

$$x^3 - 6x^2 + 8x = 0$$

$$x^3 - x^2 - 40x + 112 = 0$$

$$x^3 - 10x^2 + 9x = 0$$

$$6x^3 - 59x^2 + 153x - 90 = 0$$

$$x^3 - x^2 - 10x - 8 = 0$$

$$x^3 - 2x^2 - 5x + 6 = 0$$



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Name: _____

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$$10x^3 + 71x^2 + 88x - 144 = 0$$

$$x = \frac{9}{10}, -4, -4$$

$$x^3 - 6x^2 - 9x + 54 = 0$$

$$x = 6, 3, -3$$

$$x^3 + 4x^2 - 69x - 216 = 0$$

$$x = -9, 8, -3$$

$$x^3 - 10x^2 - 19x + 280 = 0$$

$$x = -5, 7, 8$$

$$x^3 - 6x^2 + 8x = 0$$

$$x = 2, 4, 0$$

$$x^3 - x^2 - 40x + 112 = 0$$

$$x = 4, -7, 4$$

$$x^3 - 10x^2 + 9x = 0$$

$$x = 9, 1, 0$$

$$6x^3 - 59x^2 + 153x - 90 = 0$$

$$x = \frac{5}{6}, 3, 6$$

$$x^3 - x^2 - 10x - 8 = 0$$

$$x = 4, -2, -1$$

$$x^3 - 2x^2 - 5x + 6 = 0$$

$$x = 1, -2, 3$$